

Abstract of the Disclosure

Tungsten-containing articles and manufacturing processes for tungsten-containing articles. The articles may include firearms projectiles, such as shot, shot slugs, bullets, big game bullets, lead-equivalent bullets, black powder 5 bullets, etc.; radiation shields; and weights, such as fishing weights, dart weights, golf club weights, wheel weights, stabilizers, etc. The projectiles may be at least one of non-toxic, lead-free, ferromagnetic, frangible, sintered, sealed, plated, and/or jacketed. The manufacturing processes include various powder-metallurgy and molten metal processes, and sealing, reforming, intermediate structure, 10 reshaping, plating, working, and jacketing steps which may be selectively utilized. The processes may include forming an intermediate structure and reshaping the structure under different pressure or process to a desired shape. Powders of the tungsten-containing composition may have a flowmeter reading for fifty grams through a cone (without tapping) of less than 18 seconds, and the intermediate 15 and/or final article may have an extrusion constant of less than 30,000 psi.